[4910-13-P]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2016-9057; Directorate Identifier 2016-NM-055-AD]

RIN 2120-AA64

Airworthiness Directives; Airbus Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to supersede Airworthiness Directive (AD) 2014-26-08, for all Airbus Model A330-200, -200F, and -300 series airplanes. AD 2014-26-08 currently requires revising the maintenance or inspection program to incorporate new maintenance requirements and airworthiness limitations. Since we issued AD 2014-26-08, we have determined that more restrictive maintenance instructions and airworthiness limitations are necessary. This proposed AD would require revising the maintenance or inspection program, as applicable, to incorporate new or revised airworthiness limitation requirements. This proposed AD would also remove certain airplanes from the applicability. We are proposing this AD to prevent safety-significant latent failures that would, in combination with one or more other specific failures or events, result in a hazardous or catastrophic failure condition.

DATES: We must receive comments on this proposed AD by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: You may send comments by any of the following methods:

- Federal eRulemaking Portal: Go to http://www.regulations.gov. Follow the instructions for submitting comments.
 - Fax: (202) 493-2251.
- Mail: U.S. Department of Transportation, Docket Operations, M-30, West
 Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC
 20590.
- Hand Delivery: U.S. Department of Transportation, Docket Operations, M-30,
 West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE.,
 Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Airbus SAS, Airworthiness Office – EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 45 80; email airworthiness.A330@airbus.com; Internet http://www.airbus.com. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Examining the AD Docket

You may examine the AD docket on the Internet at http://www.regulations.gov by searching for and locating Docket No. FAA-2016-9057; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any

comments received, and other information. The street address for the Docket Operations office (telephone (800) 647-5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1138; fax 425-227-1149.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include "Docket No. FAA-2016-9057; Directorate Identifier 2016-NM-055-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on those comments.

We will post all comments we receive, without change, to http://www.regulations.gov, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

On December 19, 2014, we issued AD 2014-26-08, Amendment 39-18059 (80 FR 3866, January 26, 2015) ("AD 2014-26-08"). AD 2014-26-08 requires actions intended to

address an unsafe condition on all Airbus Model A330-200, -200F, and -300 series airplanes.

Since we issued AD 2014-26-08, we have determined that more restrictive instructions and airworthiness limitations are necessary.

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued EASA Airworthiness Directive 2016-0066, dated April 6, 2016 (referred to after this as the Mandatory Continuing Airworthiness Information, or "the MCAI"), to correct an unsafe condition for all Model A330-200, -200F, and -300 series airplanes. The MCAI states:

The airworthiness limitations are currently defined and published in the Airbus A330 and A340 Airworthiness Limitations Section (ALS) documents.

The mandatory instructions and airworthiness limitations applicable to the Certification Maintenance Requirements (CMR), which are approved by EASA, are specified in Airbus A330 and A340 ALS Part 3. Failure to comply with these instructions could result in an unsafe condition.

EASA issued AD 2013-0245 (A330 aeroplanes) and AD 2013-0021 (A340 aeroplanes) to require the actions as specified in Airbus A330 and A340 ALS Part 3 at Revision 04 and Revision 02, respectively.

Since those [EASA] ADs were issued, Airbus issued Revision 05 and Revision 03, respectively, of Airbus A330 and A340 ALS Part 3, to introduce more restrictive maintenance requirements.

For the reason described above, this [EASA] AD retains the requirements of EASA AD 2013-0245 and [EASA] AD 2013-0021, which are superseded, and requires accomplishment of the actions specified in Airbus A330 ALS Part 3 Revision 05, or A340 ALS Part 3 Revision 03, as applicable * * *.

You may examine the MCAI in the AD docket on the Internet at http://www.regulations.gov by searching for and locating it in Docket No. FAA-2016-9057.

Related Service Information under 1 CFR part 51

Airbus has issued Airbus A330 Airworthiness Limitations Section ALS Part 3 – Certification Maintenance Requirements, Revision 05, dated October 19, 2015. The service information describes updated inspections and intervals to be incorporated into the maintenance or inspection program. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the ADDRESSES section.

FAA's Determination and Requirements of this Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

Differences Between this Proposed AD and the MCAI or Service Information

The MCAI specifies that if there are findings from the airworthiness limitations section (ALS) inspection tasks, corrective actions must be accomplished in accordance with Airbus maintenance documentation. However, this proposed AD does not include that requirement. Operators of U.S.-registered airplanes are required by general airworthiness and operational regulations to perform maintenance using methods that are

acceptable to the FAA. We consider those methods to be adequate to address any corrective actions necessitated by the findings of ALS inspections required by this proposed AD.

Although the MCAI recommends accomplishing the maintenance program revision within 12 months, this proposed AD requires accomplishment within 90 days. We find that a compliance time of 12 months would not address the unsafe condition soon enough to maintain an adequate level of safety for the affected fleet. In developing an appropriate compliance time for this AD, we considered the degree of urgency associated with addressing the unsafe condition, and the maximum interval of time allowable for all affected airplanes to continue to operate without compromising safety. We find 90 days an appropriate compliance time to complete this revision.

These differences have been coordinated with the EASA and Airbus.

Airworthiness Limitations Based on Type Design

The FAA recently became aware of an issue related to the applicability of ADs that require incorporation of an ALS revision into an operator's maintenance or inspection program.

Typically, when these types of ADs are issued by civil aviation authorities of other countries, they apply to all airplanes covered under an identified type certificate (TC). The corresponding FAA AD typically retains applicability to all of those airplanes.

In addition, U.S. operators must operate their airplanes in an airworthy condition, in accordance with 14 CFR 91.7(a). Included in this obligation is the requirement to perform any maintenance or inspections specified in the ALS, and in accordance with the

ALS as specified in 14 CFR 43.16 and 91.403(c), unless an alternative has been approved by the FAA.

When a type certificate is issued for a type design, the specific ALS, including revisions, is a part of that type design, as specified in 14 CFR 21.31(c).

The sum effect of these operational and maintenance requirements is an obligation to comply with the ALS defined in the type design referenced in the manufacturer's conformity statement. This obligation may introduce a conflict with an AD that requires a specific ALS revision if new airplanes are delivered with a later revision as part of their type design.

To address this conflict, the FAA has approved alternative methods of compliance (AMOCs) that allow operators to incorporate the most recent ALS revision into their maintenance/inspection programs, in lieu of the ALS revision required by the AD. This eliminates the conflict and enables the operator to comply with both the AD and the type design.

However, compliance with AMOCs is normally optional, and we recently became aware that some operators choose to retain the AD-mandated ALS revision in their fleetwide maintenance/inspection programs, including those for new airplanes delivered with later ALS revisions, to help standardize the maintenance of the fleet. To ensure that operators comply with the applicable ALS revision for newly delivered airplanes containing a later revision than that specified in an AD, we plan to limit the applicability of ADs that mandate ALS revisions to those airplanes that are subject to an earlier revision of the ALS, either as part of the type design or as mandated by an earlier AD.

This proposed AD therefore would apply to the airplanes identified in paragraph (c) of this AD with an original certificate of airworthiness or original export certificate of airworthiness that was issued on or before the date of approval of the ALS revision identified in this proposed AD. Operators of airplanes with an original certificate of airworthiness or original export certificate of airworthiness issued after that date must comply with the airworthiness limitations specified as part of the approved type design and referenced on the type certificate data sheet.

Costs of Compliance

We estimate that this proposed AD would affect 104 airplanes of U.S. registry.

The actions required by AD 2014-26-08, and retained in this proposed AD take about 1 work-hour per product, at an average labor rate of \$85 per work-hour. Based on these figures, the estimated cost of the actions that are required by AD 2014-26-08 is \$85 per product.

We also estimate that it would take about 2 work-hours per product to comply with the basic requirements of this proposed AD. The average labor rate is \$85 per work-hour. Based on these figures, we estimate the cost of this proposed AD on U.S. operators to be \$17,680, or \$170 per product.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. "Subtitle VII: Aviation Programs," describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in "Subtitle VII, Part A, Subpart III, Section 44701: General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

- 1. Is not a "significant regulatory action" under Executive Order 12866;
- 2. Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979);
 - 3. Will not affect intrastate aviation in Alaska; and
- 4. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 14 CFR part 39 as follows:

PART 39 - AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by removing Airworthiness Directive AD 2014-26-08, Amendment 39-18059 (80 FR 3866, January 26, 2015), and adding the following new AD:

Airbus: Docket No. FAA-2016-9057; Directorate Identifier 2016-NM-055-AD.

(a) Comments Due Date

We must receive comments by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

(b) Affected ADs

This AD replaces AD 2014-26-08, Amendment 39-18059 (80 FR 3866, January 26, 2015) ("AD 2014-26-08").

(c) Applicability

This AD applies to Airbus Model A330-201, -202, -203, -223, -223F -243, -243F, -301, -302, -303, -321, -322, -323, -341, -342, and -343 airplanes, certificated in any category, with an original certificate of airworthiness or original export certificate of airworthiness issued on or before October 19, 2015.

(d) Subject

Air Transport Association (ATA) of America Code 05, Periodic inspections.

(e) Reason

This AD was prompted by a determination that more restrictive maintenance instructions and airworthiness limitations are necessary. We are issuing this AD to prevent safety-significant latent failures that would, in combination with one or more other specific failures or events, result in a hazardous or catastrophic failure condition.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Retained: Revision of the Maintenance or Inspection Program, with No Changes

This paragraph restates the requirements of paragraph (k) of AD 2014-26-08, with no changes.

- (1) Within 90 days after March 2, 2015 (the effective date of AD 2014-26-08):

 Revise the maintenance or inspection program, as applicable, to incorporate Airbus A330 Airworthiness Limitations Section ALS Part 3 Certification Maintenance

 Requirements, Revision 04, dated August 27, 2013. Within the applicable compliance time defined in the "Record of Revisions" section of Airbus A330 Airworthiness

 Limitations Section ALS Part 3 Certification Maintenance Requirements, Revision 04, dated August 27, 2013, except as provided by paragraph (g)(2) of this AD, accomplish all applicable maintenance tasks. Accomplishing the actions specified in paragraph (i) of this AD terminates the requirements of this paragraph.
- (2) Where paragraph 3 of the "Record of Revisions" section of Airbus A330 Airworthiness Limitations Section ALS Part 3 Certification Maintenance Requirements, Revision 04, dated August 27, 2013, specifies accomplishing the actions "from 27 August 2013," this AD requires compliance within the specified compliance time after March 2, 2015 (the effective date of AD 2014-26-08).

(h) Retained: No Alternative Inspections or Intervals, with No Changes

This paragraph restates the requirements of paragraph (1) of AD 2014-26-08, with no changes. After accomplishment of the action required by paragraph (g)(1) of this AD, no alternative inspections or inspection intervals may be used, other than those specified in Airbus A330 Airworthiness Limitations Section ALS Part 3 – Certification Maintenance Requirements, Revision 04, dated August 27, 2013, except as provided by paragraphs (g)(2) and (i) of this AD, unless the inspections or intervals are approved as an AMOC in accordance with the procedures specified in paragraph (k)(1) of this AD.

(i) New: Revision of the Maintenance or Inspection Program

Within 90 days after the effective date of this AD: Revise the maintenance or inspection program, as applicable, to incorporate Airbus A330 Airworthiness Limitations Section ALS Part 3 – Certification Maintenance Requirements, Revision 05, dated October 19, 2015. Accomplishing the actions specified in this paragraph terminates the requirements of paragraph (g) of this AD.

(j) New: No Alternative Inspections or Intervals

After the action required by paragraph (i) of this AD has been done, no alternative inspections or inspection intervals may be used, other than those specified in Airbus A330 Airworthiness Limitations Section ALS Part 3 – Certification Maintenance Requirements, Revision 05, dated October 19, 2015, unless the inspections or intervals are approved as an AMOC in accordance with the procedures specified in paragraph (k)(1) of this AD.

(k) Other FAA AD Provisions

The following provisions also apply to this AD:

- (1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to ATTN: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1138; fax 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.
- (2) Contacting the Manufacturer: As of the effective date of this AD, for any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Airbus's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(I) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2016-0066, dated April 6, 2016, for related information. This MCAI may be found in the AD docket on the Internet at http://www.regulations.gov_by searching for and locating Docket No. FAA-2016-9057.

(2) For service information identified in this AD, contact Airbus SAS,
Airworthiness Office – EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex,
France; telephone +33 5 61 93 36 96; fax +33 5 61 93 45 80; email
airworthiness.A330@airbus.com; Internet http://www.airbus.com. You may view this
service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW.,
Renton, WA. For information on the availability of this material at the FAA, call
425-227-1221.

Issued in Renton, Washington, on August 24, 2016.

John P. Piccola, Jr.
Acting Manager,
Transport Airplane Directorate,
Aircraft Certification Service.
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